DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

National Institutes of Health
National Library of Medicine
Bethesda, Maryland 20894

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National Center for Biotechnology Information (NCBI)
National Library of Medicine (NLM)
National Institutes of Health (NIH)

A postdoctoral fellow position is available in the text mining research group at the National Center for Biotechnology Information (NCBI) in 2016/2017. Our laboratory is primarily interested in developing and applying computational approaches to natural language text data in biomedicine, as well as large-scale genomic and health data. His recent research has focused on: 1) Improving information access to biomedical literature towards accelerated discovery (e.g. semantic/relevance search); 2) Text mining assisted Biocuration (e.g. BioCreative challenge tasks), and 3) Text and data mining crowd data (e.g. ClinicalTrials.gov) for healthcare applications. The successful applicant will build and apply new methods to such research problems and also have the opportunity to contribute to the improvement of the widely used NCBI literature resources such as PubMed and PMC.

Qualifications: Applicants must have training with a strong emphasis on computation and familiarity with NLP & statistical methods in data and text mining and/or machine learning. A PhD degree or equivalent in bioinformatics, computer science, computational linguists or a closely related field is required. Strong programming and data analysis skills are essential. Applicants need not be US citizens or Permanent Residents.

Appointments are initially for two years, with the option of extension based on performance. Stipends are commensurate with research experience and education.

To apply: please submit your curriculum vitae and the names of three referees to Dr. Lu at Zhiyong.Lu@nih.gov or at the address below. Applications will be evaluated as they are received until the position is filled.

Zhiyong Lu, Ph.D.
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Selection for this position will be based solely on merit, with no discrimination for non-merit reasons such as race, color, religion, sex, sexual orientation, national origin, politics, marital status, physical or mental handicap, age, or membership or non-membership in an employee organization. Applications will be reviewed upon receipt and selected candidates will be contacted for an interview.

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